CLAIMS

1.   A control apparatus characterized by comprising:

detection means for detecting a first information processing apparatus capable of communicating directly through wireless communication;

request means for requesting, to said first information processing apparatus detected by said detection means, address information on a network of a second information processing apparatus connected to said first information processing apparatus via said network;

acquisition means for acquiring operation screen information for displaying an operation screen to be operated when controlling said second information processing apparatus;

display means for displaying said operation screen based on said operation screen information acquired by said acquisition means; and

control means, if an input is provided from said operation screen displayed by said display means, for controlling indirectly said second information processing apparatus via said first information processing apparatus based on said address information transmitted from said first information processing apparatus in response to a request generated by said request means.

2.   The control apparatus according to claim 1, characterized in that said acquisition means acquires said operation screen information from said second information processing apparatus via said first information processing apparatus.

3. The control apparatus according to claim 1, characterized in that:

said acquisition means further acquires other operation
5 screen information for displaying other operation screen to be operated when controlling said first information processing apparatus, and

said display means displays said operation screen and said other operation screen, based on said operation screen
10 information and said other operation screen information acquired by said acquisition means.

4. A control method characterized by comprising:

a detection step of detecting a first information
15 processing apparatus capable of communicating directly through wireless communication;

a request step of requesting, to said first information processing apparatus detected by a process in said detection step, address information on a network of a second information
20 processing apparatus connected to said first information processing apparatus via said network;

an acquisition step of acquiring operation screen information for displaying an operation screen to be operated when controlling said second information processing
25 apparatus;

a display step of displaying an operation screen based on said operation screen information acquired by a process in said acquisition step; and

a control step, if an input is provided from said
30 operation screen displayed by a process in said display step of controlling indirectly said second information processing

apparatus via said first information processing apparatus based on said address information transmitted from said first information processing apparatus in response to a request generated by a process in said request step.

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5. A recording medium recorded with a program readable by a computer, characterized by comprising:

a detection step of detecting a first information processing apparatus capable of communicating directly through wireless communication;

a request step of requesting, to said first information processing apparatus detected by a process in said detection step, address information on a network of a second information processing apparatus connected to said first information processing apparatus via said network;

an acquisition step of acquiring operation screen information for displaying an operation screen to be operated when controlling said second information processing apparatus;

a display step of displaying said operation screen based on said operation screen information acquired by a process in said acquisition step; and

a control step, if an input is provided from an operation screen displayed by a process in said display step of controlling indirectly said second information processing apparatus via said first information processing apparatus based on said address information transmitted from said first information processing apparatus in response to a request generated by a process in said request step.

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6. A program characterized by comprising:

a detection step of detecting a first information processing apparatus capable of communicating directly through wireless communication;

a request step of requesting, to said first information
5   processing apparatus detected by a process in said detection step, address information on a network of a second information processing apparatus connected to said first information processing apparatus via said network;

an acquisition step of acquiring operation screen
10   information for displaying an operation screen to be operated when controlling said second information processing apparatus;

a display step of displaying said operation screen based on said operation screen information acquired by a process
15   in said acquisition step; and

a control step, if an input is provided from said operation screen displayed by a process in said display step of controlling indirectly said second information processing apparatus via said first information processing apparatus
20   based on said address information transmitted from said first information processing apparatus in response to a request generated by a process in said request step.